• ZDC spectators will spike. In about 30 percent of events, the zero-degree calorimeters will detect more neutrons than the standard clustering models predict. This suggests something more fundamental is unfolding in the nuclear structure.
• Flow harmonics will show coherence. Instead of chaotic or random flow signals, there will be a stable pattern between second and third order flow. This points to a coherent field process rather than emergent fluid behavior.
• Thermal photons will show a shoulder. A soft enhancement in thermal photons will appear around one GeV in momentum. Not huge, but clearly above background. And it won't require full plasma formation, just curvature collapse dynamics.

This is a testable prediction. If these features show up, even partially, it will support a shift in how we understand field behavior in extreme conditions.

If they don't, I take the loss.

Either way, it's time to challenge the assumptions, not just tweak the parameters.

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Bath Palantir
JG Rouse
You certainly know your onions it would

Top fan

JG Rouse

Here is my prediction, based on a model where relativistic energy and real field collapse, not fluid dynamics, are doing the work.

• Jet suppression will occur in mid-central oxygen-oxygen events. High-energy particles (in the five to ten GeV range) will be noticeably reduced. The suppression will be moderate but real.

• ZDC spectators will spike. In about 30 percent of events, the zero-degree calorimeters will detect more neutrons than the standard clustering models predict. This suggests something more fundamental is unfolding in the nuclear structure.

• Flow harmonics will show coherence. Instead of chaotic or random flow signals, there will be a stable pattern between second and third order flow. This points to a coherent field process rather than emergent fluid behavior.

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This is a testable prediction. If these

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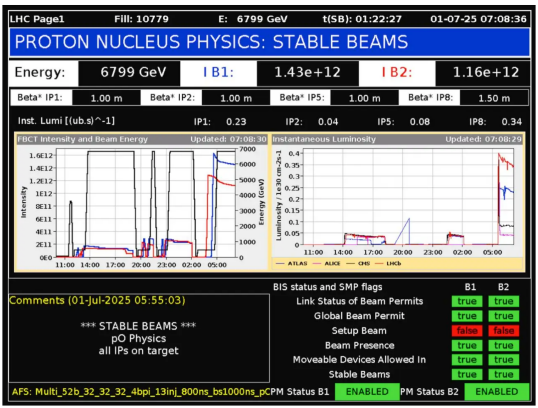
will happen in between.

Find out more: **https://home.cern/news/news/accelerators/first-ever-collisions-oxygen-lhc**



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JG Rouse

Here is my prediction, based on a model where relativistic energy and real field

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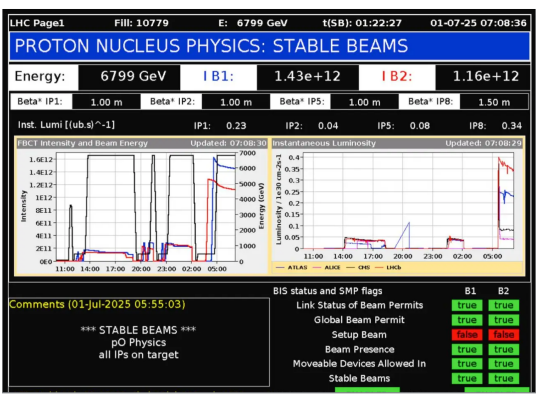
Jul 1 · 🌐

First-ever collisions of oxygen at the **#LHC**

The Large Hadron Collider gets a breath of fresh air as it collides beams of protons and oxygen ions for the very first time.

From 29 June to 9 July, the LHC will operate in a special three-act form: two days of proton–oxygen ion collisions, followed by two days of oxygen–oxygen collisions and one day of neon–neon collisions. Several days of machine set-up and commissioning will happen in between.

Find out more: **https://home.cern/news/news/accelerators/first-ever-collisions-oxygen-lhc**



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